

LCS Course Catalog

Note: Not all of the following courses are offered in the same semester or school year. This catalog represents the full pool of classes we draw from when building each term's schedule, so offerings will vary based on student interest, staffing, and scheduling needs.

Art

- **Maker Space** — A hands-on studio where students design, build, and tinker with tools and materials to bring their own creative projects to life.
- **Drawing and Painting** — An introduction to foundational drawing and painting techniques, from line and shading to color theory and composition.
- **Art History** — A visual journey through major art movements and artists, connecting historical context to creative expression.
- **Ceramics** — Students shape, throw, and glaze clay to create functional and sculptural pottery.
- **Miniatures** — A close-focus course in sculpting, painting, and detailing small-scale figures and models.
- **Carpentry** — An introduction to woodworking fundamentals, including tool safety, measurement, and building simple projects.
- **Mixed Media** — Students combine paint, collage, found objects, and more to create expressive, layered artwork.
- **Photography** — Covers the basics of composition, lighting, and editing to help students tell stories through images.
- **Sculpture** — Explores three-dimensional art-making using clay, wood, wire, and other sculptural materials.

English

- **Film Studies** — Analyzes storytelling, genre, and technique across influential films to build critical viewing skills.
- **True Crime** — Examines nonfiction narratives of real crimes and investigations, focusing on research and analytical writing.
- **Logic and Rhetoric** — Teaches the structure of sound arguments and persuasive language through classical and modern examples.
- **Write a Book** — A guided workshop for students to draft, revise, and complete a full-length piece of writing.
- **American Fiction** — Explores major works and voices in American literature and their reflection of national identity.

- **Science Writing** — Focuses on communicating scientific ideas clearly for both technical and general audiences.
- **Communications** — Builds practical skills in written, verbal, and interpersonal communication for everyday and professional life.
- **Contemporary Fiction** — Examines recent novels and short fiction to explore current themes and evolving literary styles.
- **Forbidden Love** — Studies literature centered on romance, restriction, and conflict across cultures and time periods.
- **Poetry** — Introduces students to poetic forms and devices through reading, analysis, and original composition.
- **Autobiographical Writing** — Guides students in crafting personal narratives that reflect on their own experiences and growth.
- **Classic Literature** — Reads and discusses enduring works of literature that have shaped literary tradition.
- **Collaborative Storytelling** — Students co-create narratives, practicing teamwork and creative problem-solving through shared writing.
- **Composition** — Builds core essay-writing and organizational skills for clear, effective academic writing.
- **Conflict in Literature** — Explores how authors use conflict — internal and external — to drive character and plot.
- **Creative Writing** — Encourages experimentation with fiction, poetry, and other imaginative forms of writing.
- **Dystopian Fiction** — Studies speculative literature that imagines troubled futures and societal breakdown.
- **Expressive Writing** — Focuses on using writing as a tool for personal reflection and emotional exploration.
- **Global Literature** — Surveys literary works from around the world to broaden cultural and narrative perspective.
- **Global Memoirs** — Reads first-person accounts from diverse cultures to explore identity and lived experience.
- **Human Nature** — Examines literary and philosophical explorations of what drives human behavior and choice.
- **Journalism** — Teaches reporting, interviewing, and news-writing skills through real-world style assignments.
- **Perspectives** — Explores how point of view shapes storytelling and understanding across different texts.
- **Professional Writing** — Prepares students to write clearly and effectively for workplace and career contexts.
- **Public Speaking** — Builds confidence and skill in organizing and delivering spoken presentations.

- **Short Stories** — Studies the craft of short fiction through close reading and original writing.
- **Slice of Life** — Focuses on writing that captures everyday moments with depth and detail.
- **Suspenseful Literature** — Examines tension-building techniques in thrillers and suspense fiction.
- **Visual Literacy** — Teaches students to critically read and interpret images, media, and visual storytelling.
- **Writer's Craft and Website Design** — Combines writing instruction with the basics of building and designing a personal website.
- **Writing for Life** — Focuses on practical writing skills students will use beyond the classroom, from letters to applications.

Mathematics

- **Algebra 1** — Introduces core algebraic concepts, including equations, functions, and graphing.
- **Algebra 2** — Builds on Algebra 1 with advanced functions, polynomials, and problem-solving strategies.
- **Applied Geometry** — Explores geometric principles through real-world applications like design and construction.
- **Axiomatics** — Investigates the logical foundations of mathematics, including proofs and formal systems.
- **Financial Literacy** — Covers budgeting, saving, credit, and other essential personal finance skills.
- **Math Design** — Applies mathematical thinking to design challenges, blending creativity with calculation.
- **Math Theory** — Explores the underlying concepts and reasoning behind mathematical systems and structures.
- **Personalized Math** — A self-paced course that lets students progress through math content at their own level.
- **Practical Math** — Focuses on everyday applications of math, from measurement to problem-solving in daily life.
- **Pre-Algebra** — Builds foundational number sense and operations to prepare students for algebra.
- **Real World Math** — Connects mathematical concepts to real-life scenarios and decision-making.
- **Recreational Math** — Explores puzzles, games, and patterns that make mathematical thinking fun and engaging.

Health/P.E.

- **Health** — Covers essential topics in personal wellness, nutrition, and healthy decision-making.
- **Outdoor Fitness** — Builds physical fitness through activities and exercises conducted outdoors.
- **Personal Fitness** — Helps students design and follow individualized fitness and wellness plans.
- **Physical Education** — Develops general fitness, coordination, and movement skills through varied activities.
- **Team Sports** — Builds athletic skills and teamwork through participation in group sports.

Science

- **Ecology** — Explores relationships between organisms and their environments, including ecosystems and sustainability.
- **Biology** — Introduces the study of living organisms, from cells to ecosystems.
- **Botany** — Focuses on plant biology, structure, growth, and classification.
- **Chemistry** — Covers the properties of matter, chemical reactions, and laboratory techniques.
- **Experiments** — A hands-on course centered on designing and conducting scientific experiments.
- **Physical Science** — Introduces core concepts in physics and chemistry for a broad scientific foundation.
- **Science Through History** — Traces major scientific discoveries and their impact across historical periods.
- **STEM** — Integrates science, technology, engineering, and math through collaborative, project-based learning.
- **Physics** — Explores the fundamental laws of motion, energy, and matter.
- **General Science** — Provides a broad survey of scientific concepts across multiple disciplines.
- **Zoology** — Studies animal biology, behavior, and classification.
- **Engineering** — Applies design and problem-solving principles to build and test practical solutions.

Social Studies

- **World History** — Surveys major civilizations, events, and turning points that shaped the modern world.
- **Ancient Civilizations** — Examines the societies, achievements, and legacies of early world cultures.
- **Anthropology** — Explores human culture, society, and development across time and place.

- **Current Events** — Analyzes ongoing news and issues to build informed, engaged citizens.
- **Global Studies** — Examines interconnected political, economic, and cultural issues across the world.
- **Geography** — Studies physical and human geography, including maps, regions, and spatial relationships.
- **U.S. and NH History** — Covers key events and developments in United States and New Hampshire history.
- **World Religions** — Introduces major world religions, their beliefs, practices, and historical influence.
- **Civics** — Teaches the structure of government and the rights and responsibilities of citizenship.
- **Economics** — Introduces core economic principles, including markets, trade, and personal finance.
- **Psychology** — Explores human behavior, cognition, and mental processes.
- **Technology Over Time** — Traces the development of technology and its impact on society throughout history.
- **Event Planning** — Builds organizational and project-management skills through planning real events.